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with a southern latitude; so that, at first, from his nearness to the Sun, and afterwards his nearness to the horizon, he will not be seen but by very keen astronomers. The Moon passes him on the 4th.

Venus is the bright morning-star. She has a direct motion, this month, through thirty-five degrees, commencing with the second of the Virgin, and ending at a point nearly four degrees from the tenth of this constellation, being to the west of this star. For the greater part of the month, the progress of Venus towards Mars will afford an ever-varying sight to the early riser. The Moon passes her on the 30th.

Mars is a morning star, and has a direct motion through nearly nineteen degrees, being on the 1st to the west of the seventh of the Virgin, and on the last day, midway between the first and tenth of this constellation. His stay above the horizon, before Sun-rise on the 1st, is above three hours, and this duration is daily increasing. The Moon passes him on the 29th.

Jupiter rises between eleven and twelve in the morning of the 1st, and every day earlier. On the 25th, he is stationary, having, to that day, a direct motion through somewhat more than three-quarters of a degree, in the barren space near the eastern border of the Crab; on the 20th, he is on the meridian at five in the morning; and during the whole month, his long stay above the horizon, from his rising to Sun-rise, will give great facilities to the observers of his moons, and his belts. The early riser will frequently note the line drawn from him to the eastern horizon, adorned by the two planets, Venus and Mars.

Saturn is on the meridian on the 1st, at fifty minutes past three in the afternoon, and on the 19th, at three-quarters past two; and as his path from the meridian to the horizon is nearly the same as that of the Sun, at his lowest point in the ecliptic, we see him at the first low in the lower region, and every evening later at the same hour. His motion is direct through three degrees, being on the 1st above the eleventh of the Archer, and about three degrees from it, but at a greater distance from the twelfth to the west of him; and he finishes his course in the barren space to the east of the Milky-way, having the small stars in the head of the Archer about four degrees from him to the east. The Moon passes him on the 8th.

Herschell is in conjunction with the Sun on the 16th, and will not be sufficiently disengaged from the Sun's rays at any time for observation.

*Frend's Evening Amusements.*

### ECLIPSES OF JUPITER'S SATELLITES.

1st SATELLITE.				2d SATELLITE.				3d SATELLITE.				4th SATELLITE.			
<i>Immersion.</i>				<i>Immersion.</i>											
DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.
1	5	34	19	4	8	42	5	5	9	1	38 Im.	5	16	13	5 Im.
3	0	2	41	7	21	59	16	5	12	30	25 E.	5	20	18	32 E.
4	18	31	0	11	11	16	57	12	12	59	15 Im.	22	10	11	37 Im.
6	12	59	22	15	0	34	12	12	16	28	23 E.	22	14	22	6 E.
8	7	27	40	18	13	52	2	19	16	57	25 Im.	* 1st Satellite contd.			
10	1	56	2	22	3	9	17	19	20	26	54 E.				
11	20	24	20	25	16	27	16	26	20	55	30 Im.				
13	14	52	41	29	5	44	34	27	0	25	18 E.				
15	9	20	58												
17	3	49	20									26	0	10	57
18	22	17	38									27	18	39	19
20	16	45	59									29	13	7	37
22	11	14	17												
24	5	42	39												

Look to the right hand.\*